



Piedmont Region BMP Newsletter Update

BMP Focus: As Winter Approaches...

Rehabilitating and stabilizing exposed soil during the winter is more difficult. Grass won't grow very well in the cold weather.

In this time of year, it is critical to use alternative methods to establish groundcover for preventing sedimentation and controlling soil erosion on logging jobs. This is especially true on steep slopes and nearby to streams or other waterways.

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UPCOMING EVENTS

OCT.22 @ Pittsboro: Selling Timber in Today's Market. Contact Chatham County Cooperative Extension: 919-542-8202.

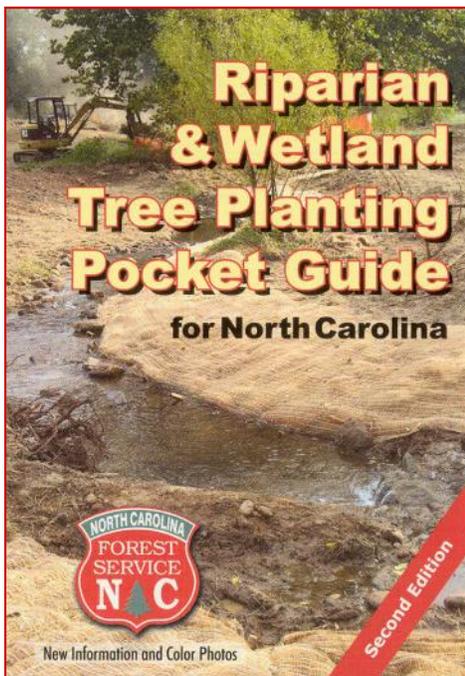
OCT.24 @ Raleigh: Sediment, Erosion and Turbidity Control Field Day Workshop. Contact NCSU Soil Science Dept. 919-513-1678.

NOV.6 @ Raleigh ; and
DEC.12 @ Hickory:
Erosion & Sediment Control Planning and Design Workshop. Contact NC-WRRI: 919-515-2815.

Got Christmas Tree Fever?

Visit the online North Carolina General Store at www.ncagr.gov, and find a North Carolina-grown Christmas tree near you (look in *Nursery & Gardening*)

HAVE YOU SEEN ME?



This pocket guide was last printed in 2008. We are seeking feedback to determine if we need to reprint more copies, because our inventory is nearly depleted. Let us know if you think this is a valuable reference that we should continue to provide, and how many copies you think you would need. Email us your advice at forestry.npsunit@ncagr.gov.

BMP Focus: As Winter Approaches...

Some other ways to establish groundcover and stabilize bare soil:

- ◆ **During the logging work, apply, mat-down, and work-in leftover tree limbs, tops, slash, and laps on sloping sections of skid trails and stream crossing approachways on skid trails.**
- ◆ **If you operate a wood chipper, cover the critical bare soil areas with a thick layer of wood chips before leaving.**
- ◆ **Apply a thick layer of wheat straw that covers the bare soil.**
- ◆ **Unroll and stake down coir (coconut fiber) matting, excelsior matting, or other natural fiber matting. These are examples of “rolled erosion control products” that work especially well on stream crossing approachways, along disturbed stream or ditch banks, and within roadside ditches.**

In 2010, the N.C. Forest Service produced a 30-minute video showing how to install silt fence and erosion control matting. If you want a DVD copy, send us an email with your name and address: forestry.npsunit@ncagr.gov. Quantities are limited.

This logging road has been closed-out and wheat straw applied as a mulch cover. When grass seed is applied, you need to allow some sunlight to reach the soil.

But during the winter, if no grass seed is applied, you should cover all bare soil with straw, mulch, or other material.

Photo taken in central North Carolina, August 2013.





Erosion control matting is shown in the two above photos of the same site. Left photo was taken immediately after BMP work was completed. Right photo shows the same site, a few months later. This is a good example of “BMP stacking”, or using multiple BMP tools to achieve the desired solution. In this case, (1) a turnout was installed, (2) erosion control matting was applied, (3) rock check dams were installed, and (4) grass seed and straw were spread.

Don't let winter rains wash away your BMP investment! Use BMPs early & often. Remember *Risk Management*

This skid trail stream crossing has issues:

The exposed soil on the streambanks would be an ideal location to install a rolled erosion control matting to prevent sedimentation from washing into this stream.

An attempt was made to cover the ruts on the skid trail, but more work should have been done to stabilize this approachway.

**Think Before You Cross:
Is This Stream Crossing
Really Needed?**



Photo taken in central North Carolina, August 2013

North Carolina Forest Service

Forestry Nonpoint Source Branch
1616 Mail Service Center. Raleigh, NC. 27699-1616



District Office BMP Contacts

Northwest Piedmont: D-10
Lexington: 336-956-2111
Keith Money, Water Quality Forester

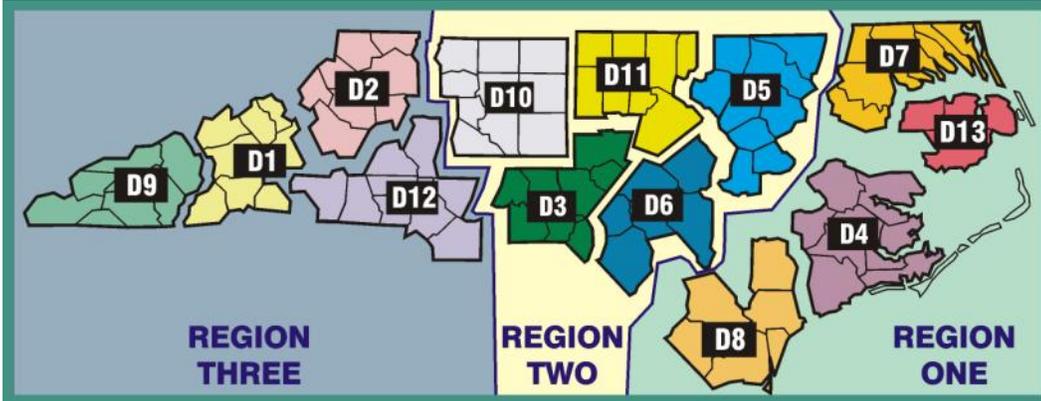
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Aaron Levine, Water Quality Forester

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Matt Vincett, Water Quality Forester

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Roger Hart, Assistant District Forester

Piedmont Region Office: R-2
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Mark Bost, Assistant Regional Forester
for Forest Management



Surf The Web

Manage and Protect Your Forest - www.ncforestservice.gov

NCDA&CS Agricultural Services - www.ncagr.gov

Keep Your Home Safe From Wildfire - www.ncfirewise.org

Go Out and Learn in the Forest - www.ncesf.org

Locate NC-Grown Farm and Forestry Products - www.ncfarmfresh.com

Let's Play a Game: What's Wrong With This Picture?

See how many potential BMP problems you can identify in this photo.
(No, this is not the same photo used in the previous edition. Get the point?).



ANSWER:
This sloping skid trail has exposed, rutted soil with no groundcover, or effort to install erosion control BMPs (waterbars, turnouts). Think about how much soil erosion will occur when a heavy rain hits this skid trail. Look at all of the leftover slash and lops around the cut-over... could some of that material been applied, run-over, and worked-in to cover this skid trail?
This photo was taken in central NC in August 2013.